

CLAIMS

We claim:

1. A fuse block cover comprising:

5 a body having a first end and a second end;

a first end cover connected to the first end of the body for covering at least a portion of an opening in a fuse block;

a pair of opposing fuse grippers connected to the body, each fuse gripper comprising:

a proximal end connected to the body;

10 a distal end with a protrusion opposite the proximal end; and,

a middle portion between the proximal end and the distal end, wherein the middle portions and the distal ends of the opposing fuse grippers are in spaced relationship to removably engage a fuse.

2. The fuse block cover of claim 1 wherein the protrusion is a barb.

15 3. The fuse block cover of claim 1 wherein the fuse block is mounted on a structure and the fuse comprises:

a generally cylindrical member having a first fuse end and a second fuse end;

a first metallic cap on the first fuse end;

a second metallic cap on the second fuse end; and,

20 a metallic strip housed within the generally cylindrical member and coupled to the first and second metallic caps.

4. The fuse block cover of claim 3 further comprising:

a first indentation in the body in positional agreement with the first metallic cap; and,

a second indentation in the body in positional agreement with the second metallic cap.

25 5. The fuse block cover of claim 1 further comprising one or more indentations in the body wherein each indentation is sized to prevent an object having a diameter of about 12 millimeters from passing through the indentation when the cover is installed on the fuse block.

6. The fuse block cover of claim 1 wherein the fuse block is mounted on a structure associated with an electrical panel or a fuse box.

7. The fuse block cover of claim 1 wherein the fuse block is mounted on a structure associated with a transformer.

8. The fuse block cover of claim 1 further comprising:

a second cover connected to the second end of the body for covering at least a portion of the opening in the fuse block.

9. The fuse block cover of claim 8 wherein the first end cover and the second end cover are integrally connected to the body.

10. The fuse block cover of claim 1 wherein the fuse grippers are integral with the body.

11. The fuse block cover of claim 1 wherein the fuse grippers are connected to the body at a midpoint between the first end and the second end.

12. The fuse block cover of claim 1 further comprising:

a ledge integral with and extending from the first end, wherein an upward force applied to an underside of the ledge disengages the fuse block cover from the fuse block.

13. The fuse block cover of claim 1 formed of a dielectric material.

14. The fuse block cover of claim 1 further comprising:

a clip having a barbed end, the clip extending from the fuse block; and,

a recess in the body of the fuse block cover, wherein the barbed end of the clip removably engages the recess in the body when the fuse block cover is in place on the fuse block.

15. A fuse block cover comprising:

a body having a first end and a second end;

a first end cover connected to the body for covering at least a portion of an opening in a fuse block;

a first pair of opposing fuse grippers connected to the body; and,

a second pair of opposing fuse grippers connected to the body, each of the fuse grippers having a proximal end connected to the body, a distal end with a protrusion opposite the proximal end, and a middle portion between the proximal end and the distal end, wherein the middle portions and the distal ends of the first pair of opposing fuse grippers and the second pair of opposing fuse grippers are in spaced relationship to removably engage a fuse.

16. The fuse block cover of claim 15 wherein the protrusion is a barb.

17. The fuse block cover of claim 15 wherein the fuse block is mounted on a structure and the fuse comprises:

a generally cylindrical member having a first fuse end and a second fuse end;

a first metallic cap on the first fuse end;

5 a second metallic cap on the second fuse end; and,

a metallic strip housed within the generally cylindrical member and coupled to the first and second metallic caps.

18. The fuse block cover of claim 17 further comprising:

a first indentation in the body in positional agreement with the first metallic cap; and,

10 a second indentation in the body in positional agreement with the second metallic cap.

19. The fuse block cover of claim 15 further comprising one or more indentations in the body wherein each indentation is sized to prevent an object having a diameter of about 12 millimeters from passing through the indentation when the cover is installed on the fuse block and each indentation is in positional agreement with a terminal within the fuse block.

15 20. The fuse block cover of claim 15 wherein the fuse block is mounted on a structure associated with an electrical panel or fuse box.

21. The fuse block cover of claim 15 wherein the fuse block is mounted on a structure associated with a transformer.

22. The fuse block cover of claim 15 further comprising:

20 a second end cover connected to the body for covering at least a portion of the opening in the fuse block.

23. The fuse block cover of claim 22 wherein the first end cover and the second end cover are integrally connected to the body.

24. The fuse block cover of claim 15 wherein the fuse grippers are integral with the body.

25 25. The fuse block cover of claim 15 further comprising:

a ledge integral with and extending from the first end, wherein an upward force applied to an underside of the ledge disengages the fuse block cover from the fuse block.

26. The fuse block cover of claim 15 formed of a dielectric material.

27. The fuse block cover of claim 15 further comprising:

30 a clip having a barbed end, the clip extending from the fuse block; and,

a recess in the body of the fuse block cover, wherein the barbed end of the clip removably engages the recess in the body when the fuse block cover is in place on the fuse block.

28. A fuse block cover comprising:

a body having a first end and a second end;

5 first and second end covers connected to body for covering at least a portion on an opening in a fuse block;

a first ledge integral with and extending from the first end;

10 a second ledge integral with and extending from the second end, wherein an upward force applied to either of an underside of the first ledge or an underside of the second ledge disengages the fuse block cover from the fuse block;

a first pair of opposing fuse grippers connected to the body; and,

15 a second pair of opposing fuse grippers connected to the body, each of the fuse grippers having a proximal end connected to the body, a distal end with a protrusion opposite the proximal end, and a middle portion between the proximal end and the distal end, wherein the middle portions and the distal ends of the first pair of opposing fuse grippers and the second pair of opposing fuse grippers are in spaced relationship to removably engage a fuse.

29. The fuse block cover of claim 28 wherein the protrusion is a barb.

30. The fuse block cover of claim 28 wherein the first end cover and the second end cover are integrally connected to the body.

20 31. The fuse block cover of claim 28 wherein the fuse grippers are integral with the body.

32. The fuse block cover of claim 28 formed of a dielectric material.

33. The fuse block cover of claim 28 wherein the fuse comprises:

a generally cylindrical member having a first fuse end and a second fuse end;

a first metallic cap on the first fuse end;

25 a second metallic cap on the second fuse end; and,

a metallic strip housed within the generally cylindrical member and coupled to the first and second metallic caps.

34. The fuse block cover of claim 33 further comprising:

a first indentation in the body in positional agreement with the first metallic cap; and,

30 a second indentation in the body in positional agreement with the second metallic cap.

35. The fuse block cover of claim 28 further comprising:

a clip having a barbed end, the clip extending from the fuse block; and,

a recess in the body of the fuse block cover, wherein the barbed end of the clip removably engages the recess in the body when the fuse block cover is in place on the fuse block.

5 36. The fuse block cover of claim 28 further comprising one or more indentations in the body wherein each indentation is sized to prevent an object having a diameter of about 12 millimeters from passing through the indentation when the cover is installed on the fuse block.

37. The fuse block cover of claim 28 wherein the fuse block cover is mounted on a structure associated with an electrical panel or a fuse box.

10 38. The fuse block cover of claim 28 wherein the fuse block is mounted on a structure associated with a transformer..